

## ABSTRACT OF THE DISCLOSURE

An adaptive shift control method for a geared multiple ratio transmission having friction elements for  
5 clutches and brakes to establish and disestablish gear ratio changes wherein at least one ratio change involves engagement of one friction element in synchronism with disengagement of another friction element. Operating  
10 parameters are adapted throughout the life of the transmission to reduce synchronous errors by developing and learning pressure and time adjustments for the friction elements.